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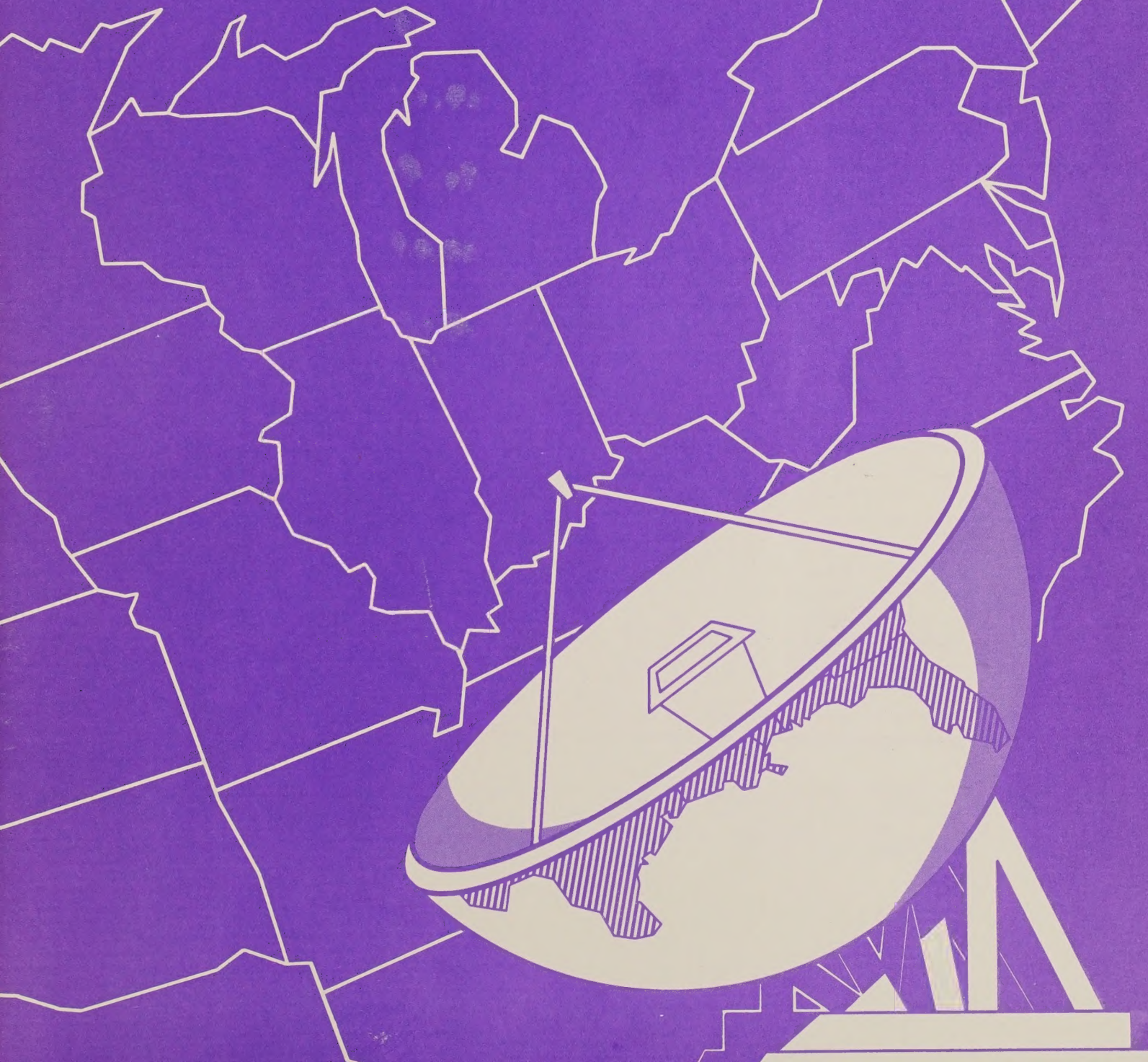
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July 1988

Directory: USDA and Land-Grant Videoconference Capabilities



This directory was compiled during the Spring of 1988 to facilitate networking and cooperation of land-grant communicators nationwide.

Appreciation is extended to all those who supplied site information. The directory was compiled and published through the efforts of Extension Service-USDA and the USDA Teleconference Center. We'd appreciate your comments and suggestions.

For additional copies of this book, please contact:

Betty Fleming
Public Affairs Specialist
Communications, Information, and Technology Staff
Rm. 3331-South Bldg.
Extension Service, USDA
Washington, DC 20250-0900

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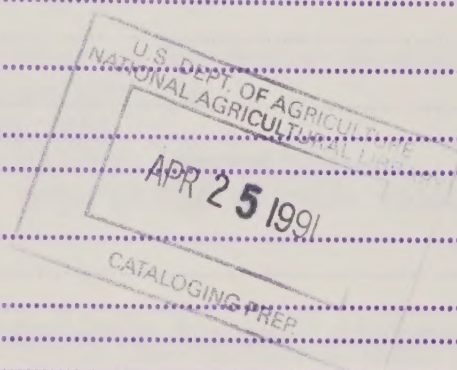


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July 1988

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Auburn University, Auburn, Alabama

Contacts: **Ned Browning**, *Information Specialist*
Tim Beasley, *Information Specialist*
(205) 826-4970

Alabama Cooperative Extension Service
Auburn University
Information Services Building
Auburn, AL 36849-5623

- Extension has C-Band downlink site on Information Services Building.
- Mobile County, CES also has downlink site.
- No uplink now but working on plans.
- Videoconference viewing for 50-100 in different locations.
- One-week or more notice requested to schedule videoconference downlink.

Alabama A&M University, Normal, Alabama

Contacts: **James I. Dawson**, *Administrator*
Ronald Williams, *Head of Program*
Development and Information
(205) 859-7342

1890 Extension Programs
P.O. Box 967
Normal, AL 35762

- C-Band downlink site on campus now.
- No uplink.
- Viewing for 150 (maximum).
- Need day's notice to arrange a videoconference downlink.

Tuskegee University, Tuskegee, Alabama

Contact: **P. W. Brown**, *Administrator*
(205) 727-8806/8807

Alabama Cooperative Extension Service
Tuskegee University
Tuskegee, AL 36088

- C-Band downlink site on campus but often need to rent portable unit.
- No uplink capabilities.
- Viewing for 360 (maximum).
- Prefer two-week notice to arrange downlink.

Alaska

University of Alaska, Fairbanks, Alaska

Contact: Ed Cridge, *Director*
(907) 474-7296

Instructional Media Production and
Communications Technology (IMPACT)
University of Alaska
Fine Arts Building
Fairbanks, AK 99775

- C-Band and Ku-Band downlink sites.
- Statewide downlink system. Can use Alaska's "Rural Alaska Network" that reaches 250 communities. C-Band. Possible charge.
- Ku-Band uplink capabilities. (Owned by College of Engineering that sends and receives National Technological University (NTU) programming.)
- Viewing on campus for 700 people (maximum).
- Prefer at least three-day notice to arrange downlink.

Arizona

University of Arizona, Tucson, Arizona

Contact: Larry Klass, *Director of Video Operations*
(602) 621-7178

Office of Ag Sciences Communications
College of Agriculture
University of Arizona
Tucson, AZ 85721

- C-Band and Ku-Band downlinks.
- Ku-Band uplink capabilities.
- Viewing for 500 (maximum).
- Prefer 48-hour notice to arrange videoconference downlink.

University of Arkansas, Little Rock, Arkansas

Contact: **Nina R. Boston**, *Extension Computer
Systems Specialist*
(501) 373-2610

Arkansas Cooperative Extension Service
University of Arkansas
1201 McAlmont
P.O. Box 391
Little Rock, AR 72203

- C-Band and Ku-Band downlink sites.
- Access to University's Fayetteville uplink site if needed.
- Contracted with Oklahoma State University to accomplish one uplink.
- Viewing for 10-50.
- Prefer two-week notice for campus downlink.

University of Arkansas at Pine Bluff, Pine Bluff, Arkansas

Contact: **Debbie Kinsey** (*housed in Little Rock*)
Extension Communication Specialist
(501) 373-2527

University of Arkansas
1201 McAlmont
P.O. Box 391
Little Rock, AR 72203

- Only 42 miles to Little Rock so specialists can easily come for video-conference.
- No downlink or uplink capabilities.

California

University of California, Berkeley, California

Contact: Karen Berke, *Communications. Specialist – Telecommunications*
(916) 752-1935

California Cooperative Extension/Ag Information
University of California
Davis, CA 95616

- 7 campuses with C-Band and/or Ku-Band downlinks.
- Currently no uplinks.
- Ample viewing capabilities. (Varies according to rooms available.)
- Prefer 30-day notice for downlink.

Colorado

Colorado State University, Fort Collins, Colorado

Contact: Wendy Douglass, *Extension Editor*
(303) 491-6432

Colorado Cooperative Extension Service
Colorado State University
271 Aylesworth Hall
Fort Collins, CO 80523

- C-Band and Ku-Band downlink sites.
- Ku-Band uplink. In operation 24 hrs a day, 6 1/2 days a week.
- Viewing for 300 (maximum).
- Prefer one-week to 10-day notice to arrange downlink. More notice if possible.

University of Connecticut, Storrs, Connecticut

Contact: **Ken N. Smith, Jr., *Program Manager***
(203) 486-3231

Office of Non-Credit Programs
Division of Extended and Continuing Education
U-56
University of Connecticut
Storrs, CT 06268

Contact: **Carole S. Fromer, *Visual Media Coordinator***
(203) 345-4511

Connecticut Cooperative Extension Service
University of Connecticut
1066 Saybrook Road
Haddam, CT 06438

- C-Band downlink site.
- No uplink capability.
- Viewing for 500 (maximum).
- Prefer one-month notice for downlink.

Delaware

University of Delaware, Newark, Delaware

Contact: Dr. Harvey Stone, *Special Assistant for
Technical Outreach*
(302) 451-2862

University of Delaware
210 Hullihen Hall
Newark, DE 19716

- C-Band and Ku/C-Band portable downlinks.
- No uplink capability.
- Viewing for 1,000 at conference center, plus more at other campus sites.
- Prefer two-week notice to arrange videoconference downlink.

Delaware State College, Dover, Delaware

Contact: Dr. Ulysses S. Washington, Jr. *Administrator*
(302) 736-4929

Department of Agriculture and Natural Resources
1890 Extension Programs
Delaware State College
Dover, DE 19901-2275

- No videoconference experience to date.
- No downlink or uplink capability.

University of the District of Columbia, Washington, DC

Contact: **Edward S. Jones**, *Chair of Media Services
Department*
(202) 282-3063

University of the District of Columbia
Building 41, Rm. 203
4200 Connecticut Ave., NW
Washington, DC 20008

- C-Band and Ku-Band downlink sites.
- No uplink capability.
- Closed circuit TV system to transmit to over 115 campus locations available.
- Viewing for 900 people; additional location seats 125 people.
- Prefer 30-day notice to arrange videoconference downlink.

USDA Teleconference Center, Washington, DC

Contact: **Larry Quinn**, *Chief*
(202) 447-6072

Video and Film Division and
USDA Teleconference Center, Rm. 1614-S
U.S. Department of Agriculture
Washington, DC 20250-1300

- Microwave link to either C-Band or Ku-Band downlink.
- Uplink capabilities, through microwave, to C-Band or Ku-Band uplink.
- As of May 6, 1988, 43 uplinks done.
- Viewing for 500 (maximum) in Jefferson Auditorium; additional seating in conference rooms and offices through USDA's local Area Network.
- Prefer one-week notice for downlink. More time is desirable as facilities are in demand.

Florida

University of Florida, Gainesville, Florida

Contacts: Carl Breedon
Al Williamson
Marshall Breeze
(904) 392-1771

University of Florida
G022 McCarty Hall
Gainesville, FL 32611

- Permanent and portable C-Band and Ku-Band downlinks.
- C-Band University mobile uplink.
- Cooperative Extension Service has done no uplink to date.
- Viewing for 50-60.
- Prefer two-week notice to arrange videoconference downlink.

Florida A&M University, Tallahassee, Florida

Contact: Keith Harvey, *Extension Information Specialist*
(904) 599-3546

Florida A&M University
P.O. Box 339-SAMU
Tallahassee, FL 32307

- No campus downlink capabilities yet.
- Have arranged for some off-campus downlinks and worked with University of Florida on this.
- No uplink capability.
- Viewing for 250 (maximum).
- Notice of maximum time possible (at least one month) to prepare for downlink.

University of Georgia, Athens, Georgia

Contact: **Bob Molleur, Jr.,** *Visual Communications Editor*
(404) 542-8965

Georgia Cooperative Extension Service
University of Georgia
Athens, GA 30602

Contact: **Dr. Mary Baine,** *Program Specialist*
(404) 542-6679

Georgia Center For Continuing Education
University of Georgia
Athens, GA 30602

- C-Band and Ku-Band downlinks.
- Athens campus is linked to C-Band downlinks at 12-14 college locations to form a statewide network.
- C-Band and Ku-Band uplink capabilities.
- University is doing at least one uplink daily.
- Viewing for 300 people at Georgia Center; more seating available at other locations.
- Prefer two-week notice to arrange videoconference downlink.

Fort Valley State College, Fort Valley, Georgia

Contact: **John Bentley,** *Head, Extension Communications*
(912) 825-6345

Fort Valley State College
P.O. Box 4061
Fort Valley, GA 31030

- C-Band and Ku-Band downlink options.
- No uplink capability.
- New conference center has capabilities to link with other state colleges and universities.
- Conference center has viewing capabilities for 600 + people; other areas seat 50-300.
- Prefer 1-week notice to arrange videoconference downlink.

Guam

University of Guam, Guam

Contact: **S. Ed Gould**, *Assistant Professor*
(671) 734-2575

College of Agriculture & Life Science
University of Guam
University Station
Mangilao, GU 96913

- No information at this time.

Hawaii

University of Hawaii, Honolulu, Hawaii

Contact: **Charles J. DeLuca**, *Director of Publications and Information*
(808) 948-7036

Publications & Information Office
College of Tropical Agriculture and Human Resources
Hawaii Cooperative Extension Service
Gilmore Hall 121
University of Hawaii at Manoa
3050 Maile Way
Honolulu, HI 96822

Contacts: **Linda Hamilton**, *Project Manager*
Martha Staff, *Administrative Assistant*
(808) 948-8140

South Pacific Region Agricultural Project
(SPRAP)
Gilmore Hall 115

- Downlink options of either renting a portable unit or using state's ETV station.
- No uplink capability.
- Viewing for 50 in College of Tropical Agriculture and
- Human Resources (using portable downlink); viewing for 200 people using ETV downlink and auditorium.
- Prefer 30-day notice to arrange videoconference downlink.

University of Idaho, Moscow, Idaho

Contacts: Scott Fedale
Erik Anderson (Boise)
(208) 885-6436

College of Agriculture
Idaho Cooperative Extension Service
University of Idaho
Moscow, ID 83843

- University has three C-Band downlinks and College of Agriculture is wired to all.
- 10-15 county Cooperative Extension Service sites to have
- C-Band and Ku-Band receiving capability shortly.
- University Ku-Band uplink in place soon.
- Campus viewing for 500 (maximum).
- Prefer one-week notice to arrange videoconference downlink.

Illinois

University of Illinois, Urbana, Illinois

Contact: Ed Vernon, *Electronic Technology Specialist*
(217) 333-9433

Agricultural Communications and Extension
Education
College of Agriculture
University of Illinois
51 Mumford Hall
1301 West Gregory Drive
Urbana, IL 61801

Contact: Elaine Harbison, *Administrator for Client Services*
(217) 333-1070

WILL-TV Station
1110 West Main
Urbana, IL 61801

- C-Band downlink.
- No uplink capability.
- Viewing for 500 (maximum).
- Prefer 30-day notice for arranging downlink; more if possible.

Purdue University, West Lafayette, Indiana

Contact: **Dick Gelzleichter**, *Assistant to the Director & Coordinator of Telecourse Operations and Development*
(317) 494-8499

Indiana Cooperative Extension Service
Agricultural Administration Building
Purdue University
West Lafayette, IN 47907

Contact: **Bill Meyer**, *Educational TV*
(317) 494-8414

Agricultural Communication Service
Purdue University
West Lafayette, IN 47907

Contact: **Shirley Davis**, *Director of Media-Based Programs*
(317) 494-7231

Continuing Education
Purdue University
116 Stewart Center
West Lafayette, IN 47907

- C-Band and Ku-Band downlink capabilities, including portable C-Band unit.
- Can use ITFS microwave links to 24 sites in state.
- C-Band and Ku-Band uplink capabilities.
- Four uplinks done as April 1988.
- Viewing for 500 people (maximum) at one site; many sites available.
- Prefer six-months to one-year notice for videoconference downlink setup if whole network is involved, but have done this in less time.

Iowa State University, Ames, Iowa
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Contact: **Jim Hamilton**, *Director of Extension Communications*
(515) 294-9915/4923

Iowa State University
Rm. 103 Morrill Hall
Ames, IA 50011

- C-Band and Ku-Band downlink capabilities including portable C-Band unit.
- Statewide Cooperative Extension Service downlink system with 79 C-Band and Ku-Band sites in all major cities (80% of counties in the state). No one drives more than 20-mile distance to reach conference site.
- C-Band and Ku-Band uplink capabilities (portable Ku truck).
- To date, 57 uplinks done.
- Theater viewing for 2,000 people (maximum); multiple sites also available.
- Prefer six-week notice to arrange major downlink function. (*Note: for small group, 10 minutes needed.*)

Kansas

Kansas State University, Manhattan, Kansas

Contacts: **Jack Burke**, *Director of Extension Communications*
Ron Frank, *Extension TV Producer*
(913) 532-5851

Kansas State University
McCain Auditorium
Manhattan, KS 66506

- C-Band downlink.
- C-Band uplink capability through microwave links to Topeka and Kansas City commercial TV stations.
- To date, 5 uplinks done.
- Auditorium viewing for 1,000 (maximum); other sites available.
- Prefer two- to three-day notice to arrange videoconference downlink.

University of Kentucky, Lexington, Kentucky

Contact: **Garvin W. Quinn**, *Information Specialist-Radio/TV*
(606) 257-3859

Kentucky Cooperative Extension Service
University of Kentucky
131 Scovell Hall
Lexington, KY 40546-0064

Contact: **Andy Spears**, *Associate Director, Office of Instructional Resources*
(606) 257-5831

University of Kentucky
170 Taylor Building
Lexington, KY 40506-0001

- Permanent and portable C-Band downlinks.
- No uplink capability now but working on plans.
- Viewing for 250 (maximum).
- Prefer two-week notice to arrange videoconference downlink.

Kentucky State University, Frankfort, Kentucky

Contact: **Dr. Harold Benson**, *Director of Land-Grant Programs*
(502) 227-6311

Kentucky Cooperative Extension Service
Kentucky State University
P.O. Box 196
Frankfort, KY 40601

- Microwave hookup to University of Kentucky.
- No uplink capability.
- Viewing for 150 (maximum).
- Prefer two-week notice to arrange a videoconference downlink.

Louisiana State University, Baton Rouge, Louisiana

Contact: **Red Hebert**, *Television Specialist*,
(504) 388 8484

Louisiana Cooperative Extension Service
Communications Division
Louisiana State University
128 Knapp Hall
Baton Rouge, LA 70803-1900

- Have C-Band/Ku-Band downlink.
- No uplink capability.
- Videoconference viewing for 200 +.
- Prefer 30-days' notice to arrange videoconference downlink.

Southern University and A&M College, Baton Rouge, Louisiana

Contact: **Dr. Leodry Williams**, *Administrator*
(504) 771-2242/2244

1890 Extension Programs
Southern University and A&M College
Southern Branch
P.O. Box 10010
Baton Rouge, LA 70813

Contact: **Dr. Henry Wiggins***, *Chair, Mass Communications
Department*
(504) 771-5790

Southern University and A&M College
Baton Rouge, LA 70813

- C-Band downlink
- No uplink capability.
- Viewing for 300.
- Prefer one-week notice to arrange videoconference downlink.

*In Dr. Wiggins' absence, contact Felton Square, Engineer.

University of Maine, Orono, Maine
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Contact: **Dr. Jim Toner**, *Assistant Director*
(207) 581-4092

Conferences and Institutes Division
University of Maine
206 Chadbourne Hall
Orono, ME 04469

- C-Band and Ku-Band downlink capabilities.
- No uplink capability.
- Videoconference viewing for 200.
- Prefer 30-day notice to arrange videoconference downlink.

University of Maryland, College Park, Maryland

Contact: **Bruce Johnson**, Extension TV Specialist
(301) 454-3621

Office of Information and Publications
Rm. 0109 Symons Hall
University of Maryland
College Park, MD 20742

- University has both C-Band and Ku-Band uplinks.
- University has three downlinks, both Ku-Band and C-Band.
- Maryland CES now has C-Band/Ku-Band downlink with conference center that seats 50, a few miles from campus.
- Used rental uplink equipment for one videoconference uplink.
- Viewing for 150.
- Prefer one-week notice to arrange videoconference downlink.

University of Maryland, Eastern Shore, Princess Anne, Maryland

Contact: **Dr. Leon Copeland**, *Chair, Department of Technology*
(301) 651-2200, Ext. 627

Arts and Technology Center
University of Maryland Eastern Shore
Princess Anne, MD 21853

- C-Band and Ku-Band downlink capabilities.
- No uplink capability.
- Viewing for 200 at KU site (Library Media Center Auditorium) and for 50-60 at C-Band site (Arts and Technology Center).
- Prefer two-week notice to arrange videoconference downlink without promotion; need 3-4 months if promotion is involved.

Massachusetts

University of Massachusetts, Amherst, Massachusetts

Contact: Myra Lenburg, *Communication Specialist*
(413) 545-2391

Massachusetts Cooperative Extension Service
Skinner Hall
University of Massachusetts
Amherst, MA 01003

- C-Band downlinks on campus available to CES.
- No uplink capability.
- Videoconference viewing for 500.
- Prefer two-month notice to schedule a videoconference downlink.

Michigan

Michigan State University, East Lansing, Michigan

Contact: Dr. Michael Doyle, *Agricultural and Extension Education*
(517) 355-6580

409 Agricultural Hall
Michigan State University
East Lansing, MI 48824-1036

Contact: Dr. Kent Creswell, *Associate Director*
(517) 355-2300

Instructional and Public TV
Michigan State University
East Lansing, MI 48824-1036

- C-Band downlink capability.
- To uplink, signal can be hardwired to Detroit and go through PBS (Channel 57). (Some branches of University have uplinked.)
- Auditorium viewing for 250; plus much more at multiple sites through University's cable system.
- Prefer one-month notice to arrange videoconference downlink.

University of Minnesota, St. Paul, Minnesota

Contact: Patricia Kovel-Jarboe, *Director,*
Telecommunications Center
(612) 624-3616

Minnesota Cooperative Extension Service
University of Minnesota
43 Classroom Office Bldg.
1994 Buford Ave.
St. Paul, MN 55108

- C-Band and Ku-Band downlink capabilities, including a portable C-Band unit.
- Can uplink (C-Band and Ku-Band) at nearby commercial set-up. Minnesota Cooperative Extension Service has done two videoconference uplinks.
- Viewing for 1,000 + all over campus.
- Prefer 24-hour notice required for videoconference downlink without marketing; with marketing, four to six months.

Mississippi

Mississippi State University, Mississippi State, Mississippi

Contact: David Hutto, *Senior Editor, Electronic Media*
(601) 325-2262

Mississippi Cooperative Extension Service
Mississippi State University
Mississippi State, MS 39762

- C-Band downlink capability.
- No uplink capability.
- Viewing for up to 500.
- Prefer two-week notice to schedule videoconference downlink without marketing; with marketing to target audience involved, three-month notice minimum.

University of Missouri at Columbia, Columbia, Missouri

Contact: Harlan Lynn, *Electronic Media Specialist*
(314) 882-3296

5 Whitten Hall
Missouri Cooperative Extension Service
University of Missouri-Columbia
Columbia, MO 65211

Contact: Joanne Heisler, *Conference Coordinator for University Extension*
(314) 882-2854

Missouri Cooperative Extension Service
103 Whitten Hall
University of Missouri-Columbia
Columbia, MO 65211

Contact: Carl Gustaveson, *Video Communication Center*
(314) 341-4526

University of Missouri
Rolla Laws Library
Rolla, MO 65401

- C-Band and Ku-Band downlinking capability.
- Statewide downlink system. Fourteen counties with C & Ku-Band downlinks. Fiber-optics system between 4 campuses. Can network with schools and other educational institutions that are getting downlink equipment.
- Ku-Band uplink in Columbia, Rolla and Kansas City.
- Videoconference viewing for up to 500.
- Prefer 2-week notice for videoconference downlink without marketing; with marketing or promotion, 3 months' notice preferred.

Lincoln University, Jefferson City, Missouri

Contact: Bill Helvey, *State Communications Specialist*
(314) 681-5557

Lincoln University
900 Moreau Drive
Jefferson City, MO 65101

- C-Band and Ku-Band downlink capability.
- No uplink capability.
- Viewing for up to 100.
- Prefer 30 days' notice to arrange videoconference downlink.

Montana State University, Bozeman, Montana

Contact: **Wes Lewis, *KUSM TV***
 (406) 994-3437

Visual Communication Building
Montana State University
Bozeman, MT 59717

- C-Band downlink capabilities.
- No uplink capability.
- Viewing for up to 500.
- Prefer three-week notice to arrange videoconference downlink.

Nebraska

University of Nebraska, Lincoln, Nebraska
--

Contact: **Jim Randall, *Extension Communications***
 Specialist
 (402) 472-3036

Agricultural Communications
University of Nebraska
Lincoln, NE 68583

Contact: **V.T. Miller, *Faculty Coordinator/Closed***
 Circuit TV
 (402) 472-3611, Ext 224

Satellite Teleconferencing Facilities
University of Nebraska
P.O. Box 83111
Lincoln, NE 68501

- C-Band and Ku-Band downlinking capabilities.
- C-Band (PBS Westar IV direct) and Ku-Band uplink capabilities.
- 18 to 19 C- and Ku-Band downlink sites as of August 30.
- Second uplink program is scheduled for fall 1988.
- Viewing for up to 300.
- Prefer one-week notice to arrange videoconference downlink.

Nevada

University of Nevada, Reno, Nevada

Contact: Alice Good, *Communications Coordinator*
(702) 784-6731

College of Agriculture
University of Nevada
Reno, NV 89557

- C-Band and Ku-Band downlinking capabilities.
- No uplink capability.
- Viewing for 50.
- Prefer one-month notice to arrange videoconference downlink.

New Hampshire

University of New Hampshire, Durham, New Hampshire

Contact: John Staples, *Extension Editor*
(603) 862-1498

Taylor Hall
New Hampshire Cooperative Extension Service
University of New Hampshire
Durham, NH 03824

- Can receive C-Band Westar IV Direct signal through microwave link to PBS (WENH-TV) station.
- No uplink option.
- Viewing for 200 maximum.
- Prefer two-week notice to arrange videoconference downlinks.

Rutgers, The State University of New Jersey, New Brunswick, New Jersey

Contacts: **Dr. Peter Wiesner**, *Office of TV and
Radio/Public Information*
 Ray Zwingraff (*alternate person*), *Director of
Operations*
 (201) 932-3710

 Kilmer Campus
 P.O. Box 10477
 Rutgers University
 New Brunswick, NJ 08906-0427

- C-Band downlink capability. Can rent portable Ku-Band downlink unit when needed.
- No uplink capability.
- Working on statewide Intercampus Telecommunications Network (ITN). ITN will link all state educational institutions for voice, data and video.
- Viewing for up to 500. Prefer two-week notice to arrange videoconference downlink.

New Mexico

New Mexico State University, Las Cruces, New Mexico
--

Contact: **Jeanne Gleason**, *Acting Department Head*
 (505) 646-2701

 New Mexico Cooperative Extension Service
 New Mexico State University
 Dept. 3 AI
 P.O. Box 30003
 Las Cruces, NM 88003

- C-Band downlink capability.
- Access to C-Band uplink through PBS system from Albuquerque.
- Viewing for up to 100.
- Prefer 30-day notice to arrange videoconference downlink.

Cornell University, Ithaca, New York

Contact: **Dave Watkins, *Director***
 (607) 255-5431

B-27 Mvr Hall
Cornell University
Ithaca, NY 14853

- One CES C-Band and two Ku-Band downlink sites.
- Joined State of NY system called SUNYSAT. Uplink in Albany. Network may use Cornell's portable uplink. As many as 4 simultaneous programs. Operational September 1988.
- Mobile Ku-Band uplink truck with limited production capabilities and 2 full-time staff. Can be made available through NE Region.
- Auditorium viewing for up to 300 people plus 130 (total) at two other sites. Additional 600-seat auditorium available fall 1989.
- Prefer two-week notice to arrange videoconference downlink.

North Carolina State University, Raleigh, North Carolina

Contact: **Bob Gregory**, *Visual Communications Section*
(919) 737-2861

Agricultural Communications
North Carolina State University
P.O. Box 7603
Raleigh, NC 27695-7603

- CES C-Band downlink capability.
- No uplink capability.
- Viewing for 40-50 in CES facility.
- Off-campus can accommodate 1,000.
- Prefer six-week notice to set up videoconference downlink.

North Carolina A&T State University, Greensboro, North Carolina

Contacts: **Valorie McAlpin**, *Director*
(919) 334-7636

Bill Hume, *Campus TV Studio*
(919) 334-7599

Extension/Research Communication
North Carolina A&T State University
P.O. Box 21928
Greensboro, NC 27420

- Access to campus C-Band and Ku-Band downlink capabilities.
- No uplink capability.
- Auditorium viewing for 300 + .
- Prefer two- to three-week notice to arrange videoconference downlink.

North Dakota

North Dakota State University, Fargo, North Dakota

Contacts: **Jim Kenward**, *Radio-TV Specialist*
Jerry Rostad, *Video Production Coordinator*
(701) 237-7894

Agricultural Communications
Morrill Hall
North Dakota State University
Fargo, ND 58105

- Have CES C-Band downlink option; only one on campus.
- No uplink capability.
- Viewing for up to 50.
- Prefer two-week notice to arrange videoconference downlink. One-month notice (at least) needed if promotion is involved.

Ohio

The Ohio State University, Columbus, Ohio

Contacts: **Larry Whiting**, *Head, Information and Applied Communications*
(614) 292-2011

Chris Finneran, *TV Producer*
(614) 292-2011)

The Ohio State University
2021 Coffey Road
Columbus, OH 43210-1044

- C-Band downlink capability.
- Statewide downlink system. Five district Extension offices have dishes: Findley (NW), Jackson (S), Caldwell (E), Wooster (NE), and Trotwood (SW). Also, five counties have dishes. Currently all C-Band but can convert to Ku. All steerable dishes. Estimated 20 counties with downlink capability by year-end.
- C-Band uplink capability through Ohio Educational Broadcasting Network (state agency) of public broadcasting stations.
- Sixteen videoconference uplinks to date.
- Viewing on campus for 200. Wooster (linked by microwave) accommodates 50.
- Cooperative, dual uplinks with Iowa State (Nov '87) and Oklahoma State (Nov '88). Interested in more of the same.
- Prefer 30-day notice to arrange videoconference downlink.

Oklahoma State University, Stillwater, Oklahoma

Contact: **Gene Allen**, *Manager-Radio/TV*
(404) 624-6886

111 Public Information Building
Oklahoma State University
Stillwater, OK 74078

- C-Band and Ku-Band downlink capabilities, including portable C-Band unit.
- Statewide downlink system, including dishes in 57 counties, some portable, some fixed. All C-Band but convertible to Ku-Band.
- Testing in four metropolitan areas with conversion to Ku-Band.
- Fixed C-Band uplink and portable Ku-Band uplink.
- Averaging two Extension videoconference uplinks a month.
- Viewing for up to 500.
- Prefer one-week notice to arrange videoconference downlink.

Langston University, Langston, Oklahoma

Contact: **Randy Kirk**, *Communications Specialist*
(405) 466-2339

Langston University
P.O. Box 970
Langston, OK 73050

- Have C-Band and Ku-Band downlink capabilities.
- No uplink capability.
- Viewing for up to 100.
- Prefer 30-day notice to arrange videoconference downlink.

Oregon

Oregon State University, Corvallis, Oregon

Contact: **Dave King**, *Electronic Media Coordinator*
(503) 754-3615

422 Administration Building
Agricultural Communications
Oregon State University
Corvallis, OR 97331

Contact: **Julie Searcy**, *Division of Continuing Education*
(503) 754-2679/2402

Rm. 436 Snell Hall
Oregon State University
Corvallis, OR 97331

- C-Band downlink capabilities.
- No uplink capability on campus.
- Putting in 10-12 C-Band and Ku-Band downlinks in county offices.
- Part of statewide system called EDNET with uplink in Portland.
- Viewing at conference center for 300, additional viewing at other sites for up to 1,500 also available.
- Prefer two-week notice to arrange videoconference downlink; more if possible.

Pennsylvania

Pennsylvania State University, University Park, Pennsylvania

Contact: **Greg Silver**, *Executive Producer/Videoconference Coordinator*
(814) 865-6309

Agricultural Communication Office
Agricultural Administration Building
Pennsylvania State University
University Park, PA 16802

- C-Band and Ku-Band downlink capabilities.
- Statewide downlink system. C- and Ku-Band downlinks at 22 common-wealth campus locations.
- Ku-Band uplink capabilities.
- Viewing for 1,000 if needed.
- Prefer two-week notice to arrange videoconference downlink.

University of Puerto Rico, Rio Piedras, Puerto Rico

Contact: **Jorge Luis Leon, *Acting Director***
(809) 751-1433 on Eastern Time

Agricultural Extension Service
College of Agricultural Sciences

University of Puerto Rico
Mayaguez Campus
Venezuela Contract Station
Rio Piedras, PR 00927

- No information available.

Rhode Island

University of Rhode Island, Kingston, Rhode Island

Contact: **Timothy Tierney, *Audiovisual Center***
(401) 792-4273

217 Chafee Building
University of Rhode Island
Kingston, RI 02881-0808

- C-Band downlink capabilities.
- No uplink capabilities but expected legislation should establish microwave link to Kingston or Providence PBS uplink (state-owned).
- Part of statewide cable system called "Statewide Interconnect."
- Linked by microwave. Two channels for communications.
- Viewing for 350 +.
- Prefer two- to three-week notice to arrange videoconference downlink.

South Carolina

Clemson University, Clemson, South Carolina

Contact: **Frank Nix**, *Associate Director*
(803) 656-3204

Communications Center
Plant and Animal Science Building, Rm. 85
Clemson University
Clemson, SC 29634-5607

- C-Band transportable downlink.
- Connected statewide by microwave through SC State TV system. Four channels.
- Have microwave link to ETV uplink in Columbia.
- University does 5-6 major uplink feeds a year.
- Viewing for 200.
- Prefer one-week notice to arrange videoconference downlink.

South Carolina State College, Orangeburg, South Carolina

Contact: **Bettylou Terry**, *Director of Public Information*
(803) 536-7060/7061

Office of Information Services
South Carolina State College
Orangeburg, SC 29117

- Ku-Band downlink capabilities.

South Dakota

South Dakota State University, Brookings, South Dakota

Contact: **Tom Bare**, *Dakotatext Coordinator*
(605) 688-4187

South Dakota State University
Agricultural Communications Center
P.O. Box 2231
Brookings, SD 57007

- C-Band downlink capabilities.
- No uplink capability.
- Viewing for 75.
- Prefer two-week notice to arrange videoconference downlink.

The University of Tennessee, Knoxville, Tennessee

Contact: George Mays, *Professor*
(615) 974-7141

Electronic Media/Communication
104 Morgan Hall
University of Tennessee
P.O. Box 1071
Knoxville, TN 37901-1071

Contact: Skip Hill, *Production Manager*
(615) 974-1313/5272

Educational Video Center
University of Tennessee
1345 Circle Park Drive
Knoxville, TN 37996-0312

- C-Band and Ku-Band downlink capability.
- University C-Band and Ku-Band uplinks by July.
- Have done four CES videoconference uplinks to date.
- Auditorium viewing for up to 500, plus campus cable system.
- Prefer two-week notice to arrange videoconference downlink.

Tennessee State University, Nashville, Tennessee

Contact: Angela Mayers, *4-H Specialist*
(615) 320-3650/51

Cooperative Extension Programs
Tennessee State University
Nashville, TN 37203

Contact: Cathy Robertson, *Director of Conferences*
(615) 251-1523

Tennessee State University
10th & Charlotte Ave.
Nashville, TN 37203-3401

- C-Band downlink capability.
- No uplink capability.
- Viewing for 70.
- Prefer three-month notice to arrange a videoconference downlink.

Texas A&M University, College Station, Texas

Contact: Al Powell, *Electric Media Coordinator*
(409) 845-2211

Department of Agricultural Communications
Reed McDonald Building, Rm. 229
Texas A&M University
College Station, TX 77843-2112

- C-Band downlink capability.
- Microwave link to Dallas or Houston C-Band and Ku-Band uplinks.
- Have done one videoconference uplink.
- Viewing for up to 1,000.
- Prefer one-week notice to arrange a videoconference downlink. (30 days for audience of over 200)

Prairie View A&M University, Prairie View, Texas

Contact: Marion Williams, *Coordinator*
(409) 857-4622

Learning Resources Center
W.R. Banks Library
Prairie View A&M University
Prairie View, TX 77446

- No downlink capability on campus. Portable equipment can be rented.
- No uplink capability.
- Viewing for 400.
- Prefer 1-2 months' notice to arrange videoconference downlink.

Utah State University, Logan, Utah

Contact: Evelyn Lawrence, *Teleconference Manager*
(801) 750-2711

Telecommunications Building, Rm. 109
Utah State University
Logan, UT 84322-8500

- C-Band and Ku-Band downlink capability.
- Statewide microwave system that many colleges and universities feed into around the state. Most are C-Band sites.
- Through microwave, access to Salt Lake City uplink.
- Viewing for 1,000 + through auditoriums and campus cable system.
- Prefer two-week notice to arrange videoconference downlink.

Vermont

University of Vermont, Burlington, Vermont

Contact: Robert L. Logsdon, *Media Specialist*
(802) 656-4305

Office of Information
Vermont Cooperative Extension Service
Morrill Hall
University of Vermont
Burlington, VT 05405-0106

- No downlink capability. Have rented portable units to downlink.
- Could uplink, through microwave, to CBS affiliate TV station but have not.
- Viewing for 100.
- Prefer 1-3 months' notice to arrange videoconference downlink.

Virginia Polytechnic Institute and State University, Blacksburg, Virginia

Contact: **Bill Murphy**, *Satellite Programming
Coordinator, VPI*
(703) 961-6941/7556

Rm. 115 Hutcheson Hall
Virginia Polytechnic Institute and State University
Blacksburg, VA 24061

- C-Band and Ku-Band downlinking capability, including a portable unit.
- Statewide downlink system (46 CES sites). One is in every planning district. Maximum distance for anyone to travel: 35-40 miles. All C-Band sites with steerable dishes.
- C-Band uplink capability.
- Viewing for up to 1,000 (can put on campus cable system).
- Prefer two-week notice to arrange videoconference downlink; more notice if possible.

Virginia State University, Petersburg, Virginia

Contact: **Dr. Lorenza W. Lyons**, *Assistant Director
for Programs*
(804) 520-6421

Virginia State University
P.O. Box 540
Petersburg, VA 23803

- C-Band downlink capability.
- Viewing for 20-75. Have shown taped videoconferences in larger settings.
- Prefer two-week notice to arrange videoconference downlink.

University of the Virgin Islands, St. Croix, Virgin Islands

Contact: **Carrol Fleming**, *Extension Editor*
(809) 778-0248

RR 2
Box 10,000 Kingshill
St. Croix, VI 00850

- No downlink or uplink capability on campus. St. Thomas Island has equipment to record a videoconference.

Washington

Washington State University, Pullman, Washington

Contact: **Bob Thomas**, *Chair*
(509) 335-2811

Information Department
401 Hulbert Hall
Washington State University
Pullman, WA 99164

- C-Band downlink capability through public TV station.
- No uplink capability.
- By September, have plans for 40 counties to be equipped for C- and Ku-Band downlinking.
- Viewing for 100.
- Prefer two-week notice to arrange videoconference downlink.

West Virginia

West Virginia University, Morgantown, West Virginia

Contact: **Denny Godfrey**, *Program Leader*
(304) 293-4221

Information and Educational Technology
508 Knapp Hall
West Virginia University
Morgantown, WV 26506-6031

- C-Band and Ku-Band downlink capabilities.
- Uplink by microwave link to Charleston where a state-owned C-Band dish is located.
- Viewing for 250.
- Prefer 2-week notice to arrange videoconference downlink.

Wisconsin

University of Wisconsin, Madison, Wisconsin

Contact: **Edrie Greer**, *Video*
(608) 262-8065

Department of Agricultural Journalism
University of Wisconsin
440 Henry Mall
Madison, WI 53706

Contact: **Luke F. Lamb**, *Director of Telecommunication Division*
(608) 262-2477

University of Wisconsin-Extension
7106 Vilas Hall
Madison, WI 53706

- C-Band downlink capability through ETV station in Madison.
- Also C- and Ku-Band downlink through College of Engineering.
- Uplink will be installed this summer.
- Have done several uplinks through a relay station in Chicago.
- Viewing for 200.
- Prefer 3-4 week notice to arrange videoconference downlink.

University of Wyoming, Laramie, Wyoming
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Contact: **Randy L. Anderson, *Media Specialist***
(307) 766-6345

Wyoming Cooperative Extension Service
University of Wyoming
P.O. Box 3354
Laramie, WY 82071

- C-Band and Ku-Band downlinking.
- No uplink capabilities. Microwave link between University of Wyoming and Colorado State University.
- Viewing for 100.
- Prefer two-week notice to arrange videoconference downlink.

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